49



## ITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

TO THE ASSISTANT COMMISSIONER FOR PATENTS

**Box Patent Application** Washington, D.C. 20231

| Transmitted herewith | for filing under | 35 U.S.C. | 111(a) and 37 | C.F.R. 1 | .53(b) is a ne | w utility patent | application for | an |
|----------------------|------------------|-----------|---------------|----------|----------------|------------------|-----------------|----|
| invention entitled:  |                  |           |               |          |                |                  |                 |    |

| vent  | ion e                               | ntitle | d:         |       |                 |       | FOR A MESSA              |                 | GN                         |  |
|-------|-------------------------------------|--------|------------|-------|-----------------|-------|--------------------------|-----------------|----------------------------|--|
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|       | vente                               |        |            |       |                 |       |                          |                 |                            | <u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u> |
| 4     | h HAI<br>et SCI                     |        |            |       |                 |       |                          |                 |                            | 12760<br>1975                                |
| f a C | ONT                                 | NUA    | TION       | APF   | PLICATION,      | chec  | k appropriate b          | ox and supply   | the requisite information: |  |
|       | Conti                               | nuat   | ion l      |       | Divisional      |       | Continuation             | -in-part (CIP)  | of prior application No.:  |  |
|       | h is a:<br>C <b>onti</b><br>h is a: | nuat   | ion l      | _     | Divisional      |       | Continuation             | -in-part (CIP)  | of prior application No.:  |  |
|       | Conti                               |        | ion        |       | Divisional      |       | Continuation             | -in-part (CIP)  | of prior application No.:  |  |
| Enclo | sed a                               | are:   |            |       |                 |       | Applicatio               | n Elements      |                            |  |
| 1.    |                                     | Filin  | g fee a    | is C  | alculated and   | trar  | nsmitted as des          | cribed below    |                            |  |
| 2.    | ×                                   | Spe    | cification | on h  | naving          |       | 33                       | _ pages and i   | ncluding the following:    |  |
|       | a.                                  | ×      | Descr      | iptiv | ve Title of the | e Inv | ention                   |                 |                            |  |
|       | b.                                  | ×      | Cross      | Re    | eferences to I  | Relat | ed Applications          | (if applicable) |                            |  |
|       | C.                                  |        | State      | mer   | nt Regarding    | Fede  | erally-sponsored         | d Research/De   | velopment (if applicable)  |  |
|       | d.                                  |        | Refer      | enc   | e to Microfic   | ne A  | opendix <i>(if appli</i> | cable)          |                            |  |
|       | e.                                  | ×      | Back       | grou  | and of the Inv  | entic | on                       |                 |                            |  |
|       | f.                                  | ×      | Brief      | Sun   | nmary of the    | Inve  | ntion                    |                 |                            |  |
|       | g.                                  | X      | Brief I    | Des   | cription of th  | e Dra | awings (if drawi         | ngs filed)      |                            |  |
|       | h.                                  | ×      | Detail     | ed    | Description     |       |                          |                 |                            |  |
|       | i.                                  | X      | Claim      | (s)   | as Classified   | Belo  | ow .                     |                 |                            |  |
|       | j.                                  | ×      | Abstra     | act   | of the Disclo   | sure  |                          |                 |                            |  |
|       |                                     |        |            |       |                 |       |                          |                 |                            |  |

## UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 20429/5

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## **Application Elements (Continued)**

| 3.  | X                              | Drawing(s) (when necessary as prescribed by 35 USC 113)   |  |  |  |  |  |  |  |  |
|-----|--------------------------------|---|--|--|--|--|--|--|--|--|
|     | a.                             | ☐ Formal b. ☒ Informal Number of Sheets10   |  |  |  |  |  |  |  |  |
| 4.  |                                | Oath or Declaration   |  |  |  |  |  |  |  |  |
|     | a.                             | ☐ Newly executed (original or copy) ☐ Unexecuted  |  |  |  |  |  |  |  |  |
|     | b.                             | ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)   |  |  |  |  |  |  |  |  |
|     | C.                             | ☐ With Power of Attorney ☐ Without Power of Attorney  |  |  |  |  |  |  |  |  |
|     | d.                             | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).  |  |  |  |  |  |  |  |  |
| 5.  |                                | ☐ Incorporation By Reference (usable if Box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |  |  |  |  |  |  |  |  |
| 6.  |                                | Computer Program in Microfiche  |  |  |  |  |  |  |  |  |
| 7.  |                                | Genetic Sequence Submission (if applicable, all must be included)   |  |  |  |  |  |  |  |  |
|     | a.                             | □ Paper Copy  |  |  |  |  |  |  |  |  |
|     | b.                             | ☐ Computer Readable Copy  |  |  |  |  |  |  |  |  |
|     | C.                             | ☐ Statement Verifying Identical Paper and Computer Readable Copy  |  |  |  |  |  |  |  |  |
|     | Accompanying Application Parts |   |  |  |  |  |  |  |  |  |
| 8.  |                                | ☐ Assignment Papers (cover sheet & documents)   |  |  |  |  |  |  |  |  |
| 9.  |                                | 37 CFR 3.73(b) Statement (when there is an assignee)  |  |  |  |  |  |  |  |  |
| 10. |                                | English Translation Document (if applicable)  |  |  |  |  |  |  |  |  |
| 11. |                                | Information Disclosure Statement/PTO-1449   Copies of IDS Citations   |  |  |  |  |  |  |  |  |
| 12. |                                | Preliminary Amendment   |  |  |  |  |  |  |  |  |
| 13. | ×                              | Acknowledgment postcard   |  |  |  |  |  |  |  |  |
| 14. | ×                              | Certificate of Mailing  ☐ First Class ☑ Express Mail (Specify Label No.): EE633279672   |  |  |  |  |  |  |  |  |

## UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 20429/5

Total Pages in this Submission 49

| Accompanying Application Parts (Continued)  |  |             |          |              |              |          |        |  |        |  |
|---|--|-------------|----------|--------------|--------------|----------|--------|--|--------|--|
| 15.   |  |             |          |              |              |          |        |  |        |  |
| 16.   | 16.  |             |          |              |              |          |        |  |        |  |
| 17.   | 17.  Additional Enclosures (please identify below):  |             |          |              |              |          |        |  |        |  |
|   |  |             |          |              |              |          |        |  |        |  |
|   |  |             |          |              |              |          |        |  |        |  |
|   |  |             |          | Fee Calculat | ion and Trar | nsmittal |        |  |        |  |
|   |  |             |          | CLAIMS A     | S FILED      |          |        |  |        |  |
| For #Filed #Allowed #Extra Rate Fee   |  |             |          |              |              |          |        |  |        |  |
| Total Claims  |  |             | 12       | - 20 =       | 0            | x        | \$9.00 |  | \$0.00 |  |
| Indep. Claims 3 - 3 = 0 x \$39.00   |  |             |          |              |              |          |        |  | \$0.00 |  |
| Multiple Dependent Claims (check if applicable)   |  |             |          |              |              |          |        |  | \$0.00 |  |
|   | <b>BASIC FEE</b> \$345.00  |             |          |              |              |          |        |  |        |  |
| ОТНЕ  | ER FI  | EE (specify | purpose) |              |              |          |        |  | \$0.00 |  |
| TOTAL FILING FEE \$345.00   |  |             |          |              |              |          |        |  |        |  |
| □ A check in the amount of to cover the filing fee is enclosed.  ☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0369 as described below. A duplicate copy of this sheet is enclosed.  □ Charge the amount of as filing fee.  ☑ Credit any overpayment.  □ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  □ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). |  |             |          |              |              |          |        |  |        |  |
| cc:   | David D. Lowry (Reg. No. 38,538)  Box IP, 18th Floor  Brown, Rudnick, Freed & Gesmer, P.C.  One Financial Center  Boston, MA 02111  Tel: 617-856-8399  Fax: 617-856-8201 |             |          |              |              |          |        |  |        |  |

| MAILING BY "EXPRESS I rman and Chet Schuler Filing Date | MAIL" (37 CFR 1.10)  | Docket No. 20429/5  |
|---|--|---|
| rman and Chet Schuler                                   |  | 20429/5   |
| Filing Date   | T  |   |
| HEREWITH  | Examiner   | Group Art Unit  |
| CREATION AND EDITING FO                                 | DR A MESSAGE CAMPAIGN  | 5 U.S. PTO  |
| s <u>Utility application</u>                            | (Marife transferred transferred  | 5 <b>6</b>  |
|   | (Identify type of correspondence)  |   |
| elope addressed to: The Assista 2000                    | Jeannette Collyn (Typed or Printed Name of Person Mail (Signature of Person Mailing Co | nore<br>ling Correspondence)<br>-<br>rrespondence)<br>JS  |
| Note: Each paper must ha                                | eve its own certificate of mailing.  |   |
|   | elope addressed to: The Assista 2000   | (Identify type of correspondence)  In the United States Postal Service "Express Mail Post Office to A elope addressed to: The Assistant Commissioner for Patents, Wa 2000    Jeannette Collyn (Typed or Printed Name of Person Mail |

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